

FIG. 1 (Prior Art)

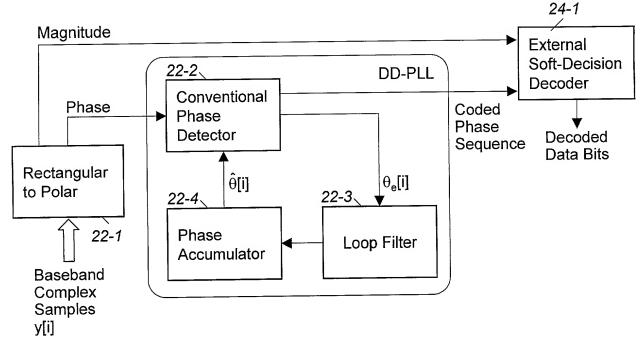


FIG. 2

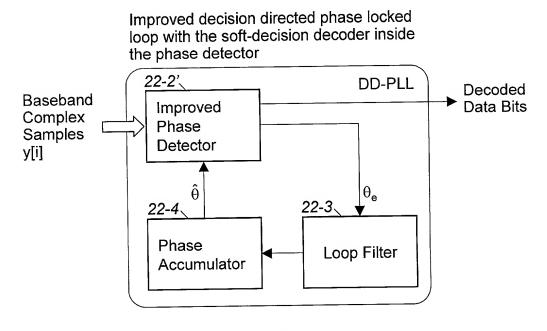
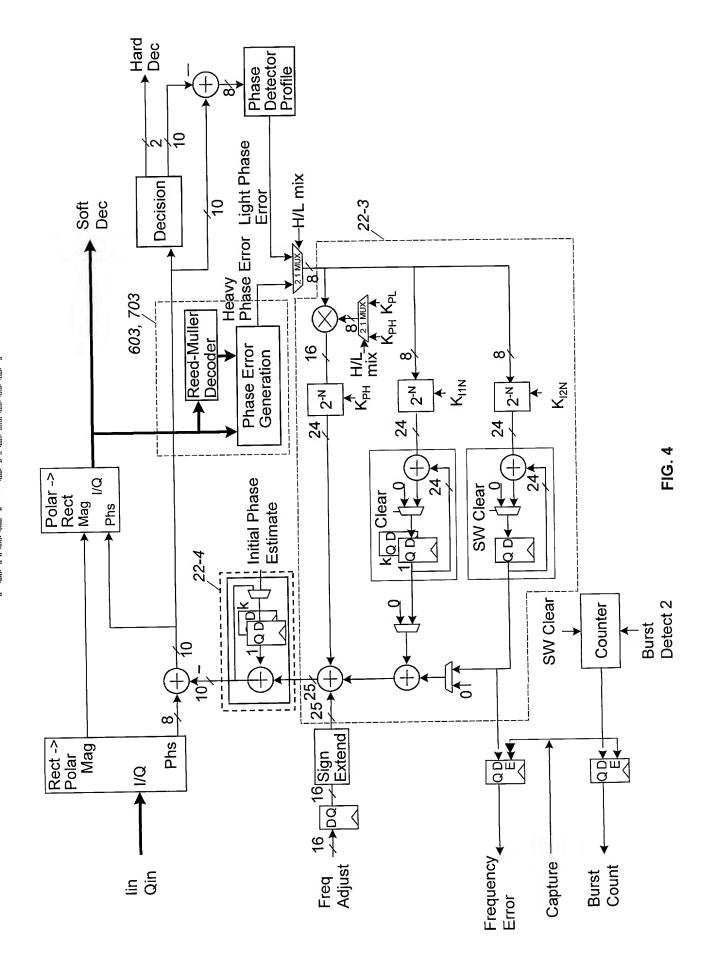
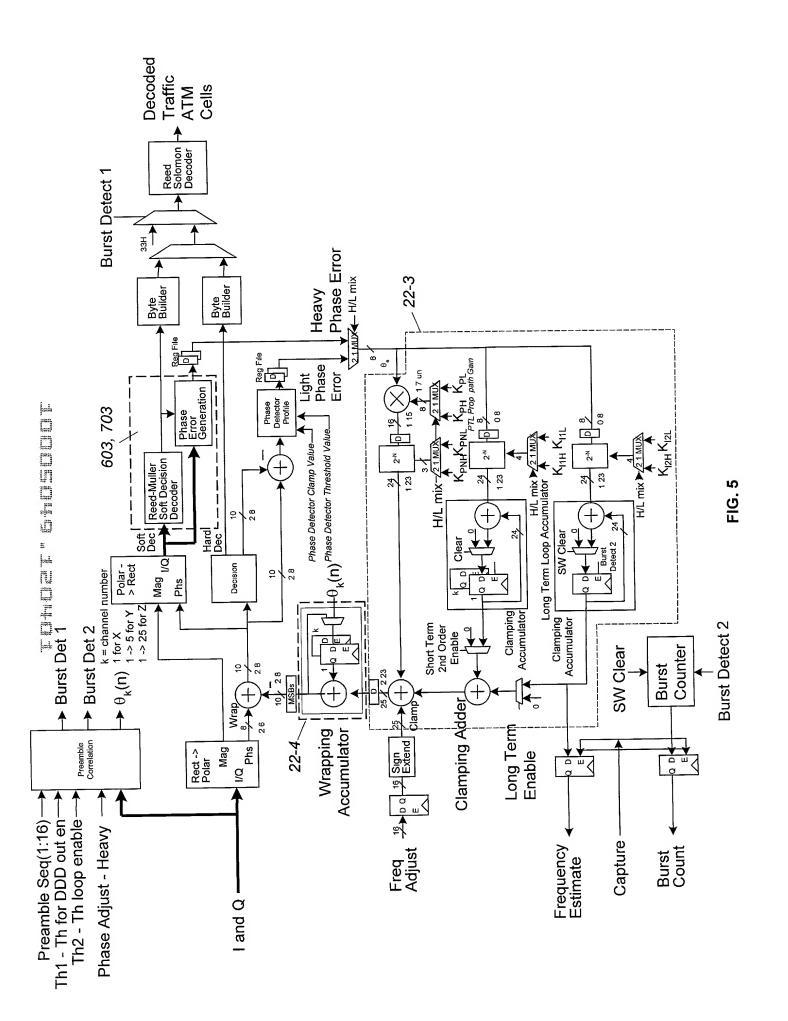


FIG. 3





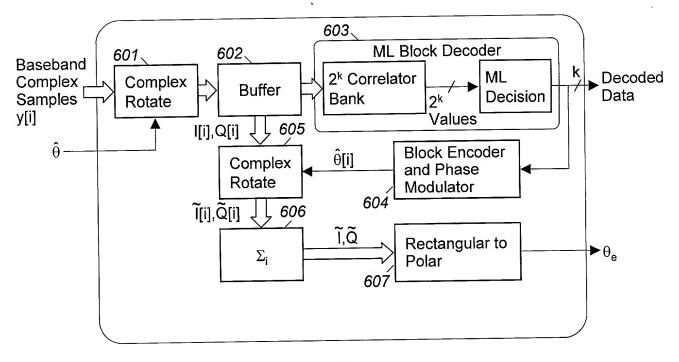


FIG. 6

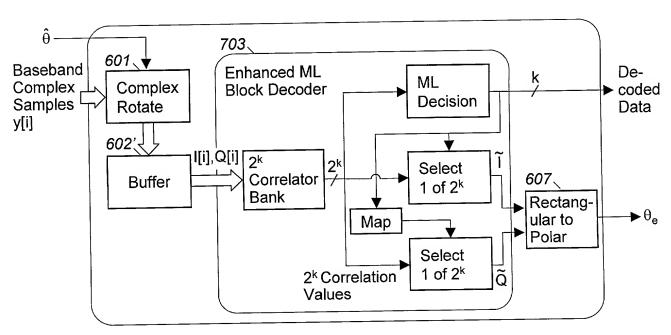


FIG. 7

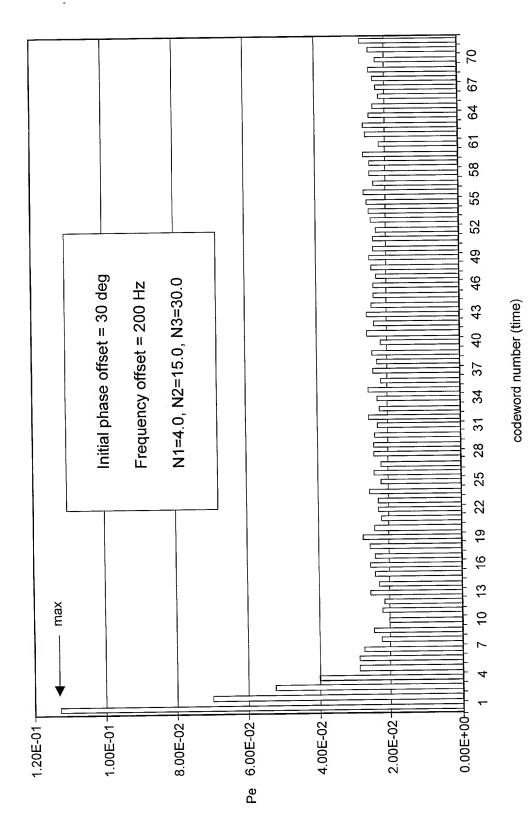


FIG. 8A

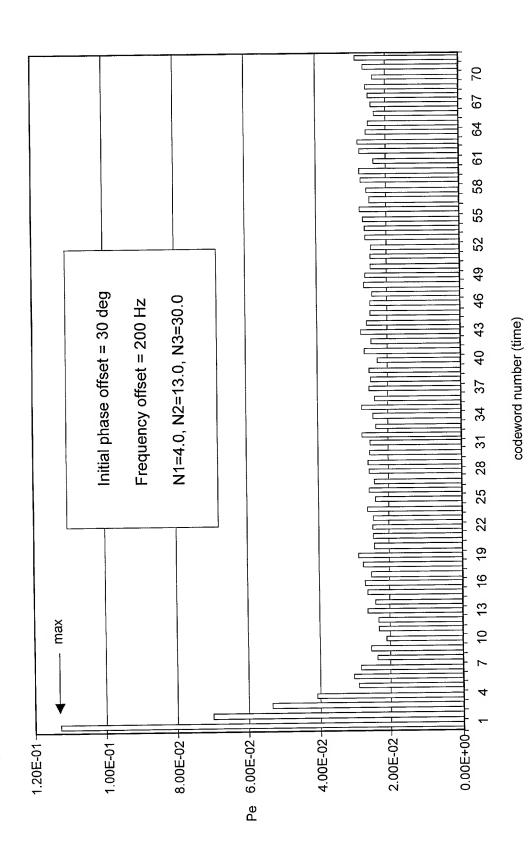


FIG. 8B

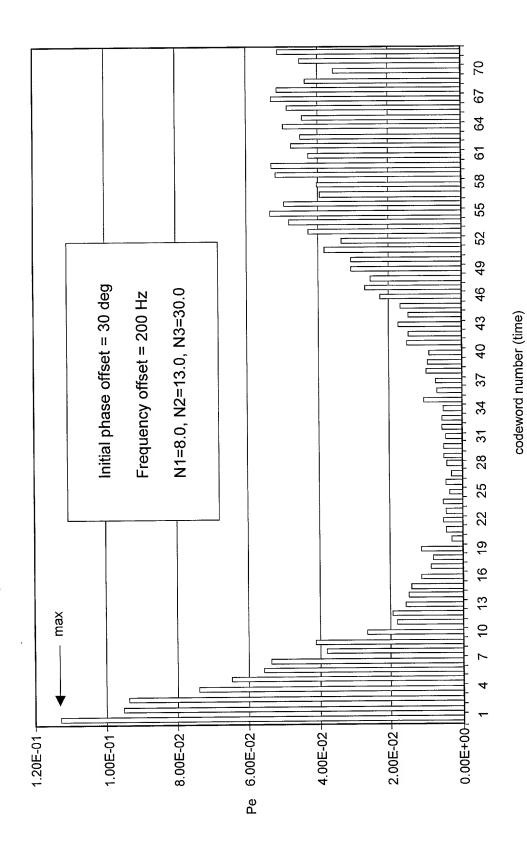


FIG. 8C

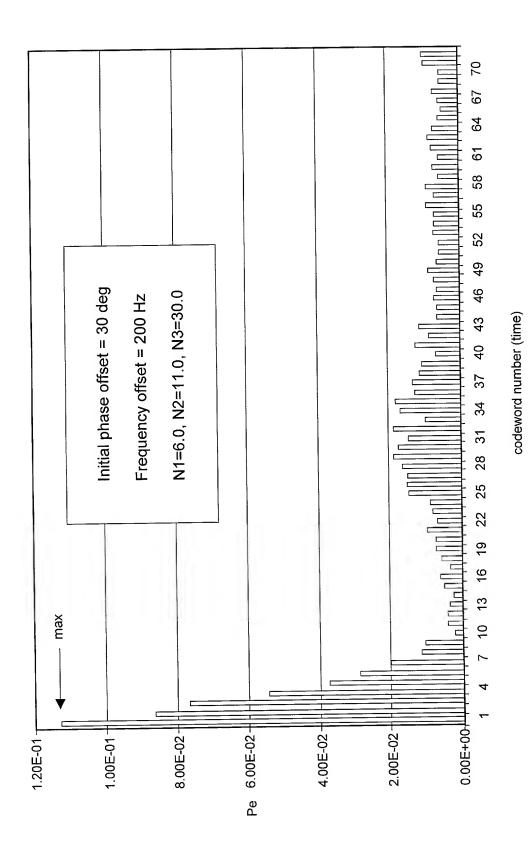


FIG. 8D

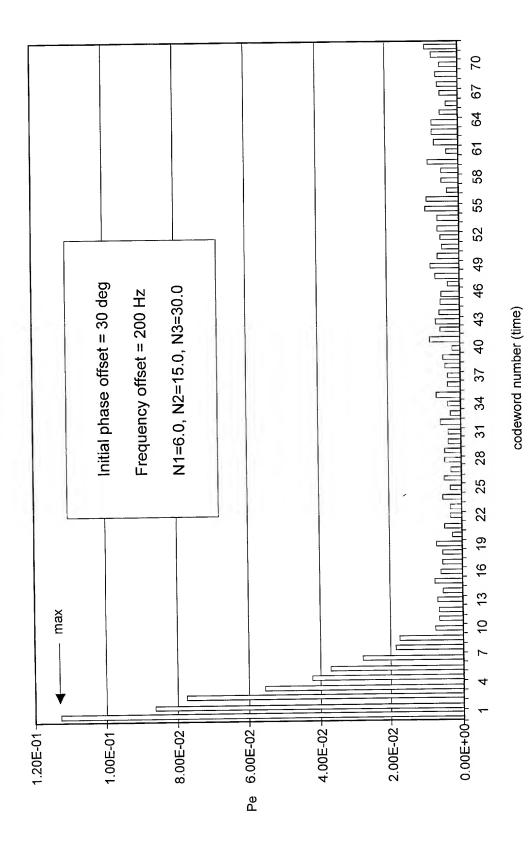


FIG. 8E

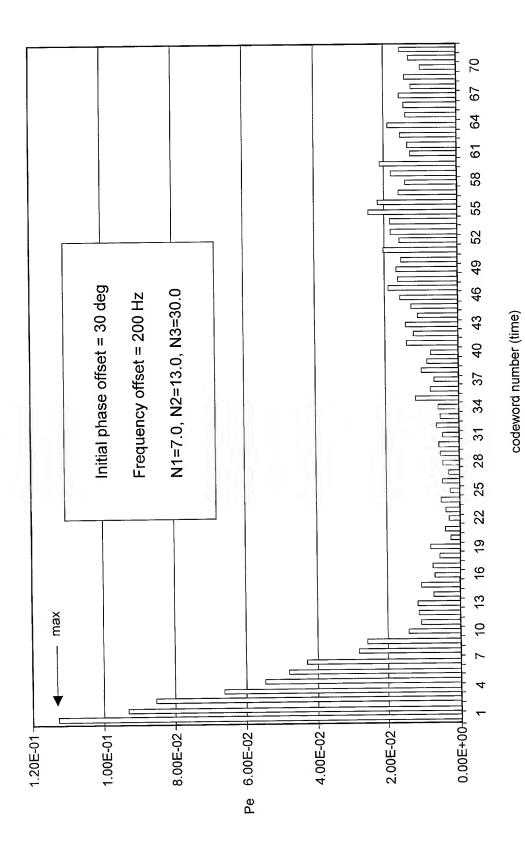


FIG. 8F

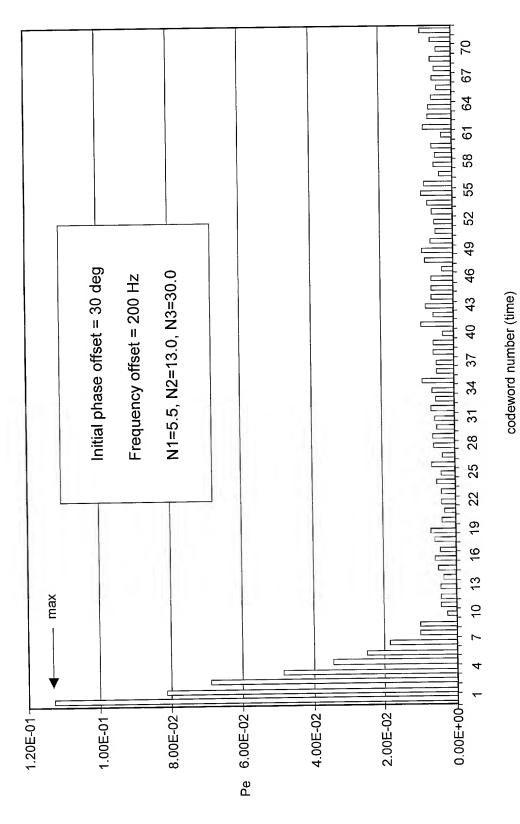


FIG. 8G

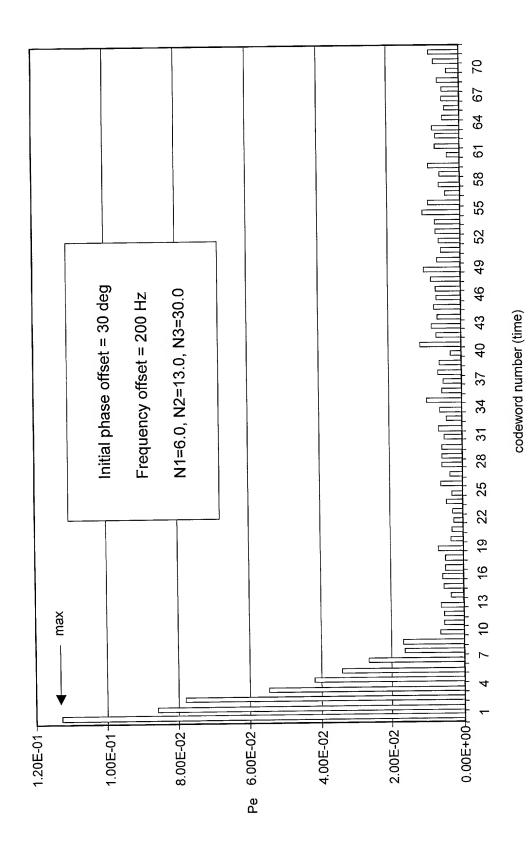


FIG. 8H

using frequency f<sub>m</sub>

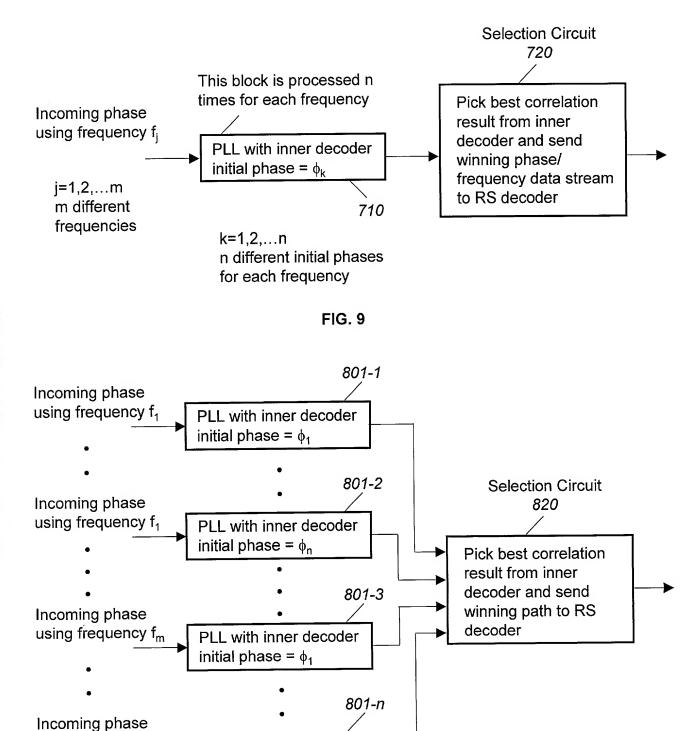


FIG. 10

PLL with inner decoder

initial phase =  $\phi_n$ 

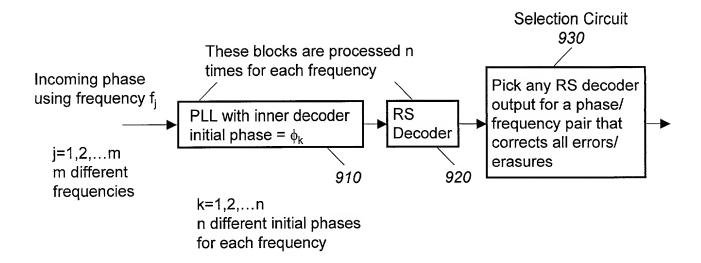


FIG. 11

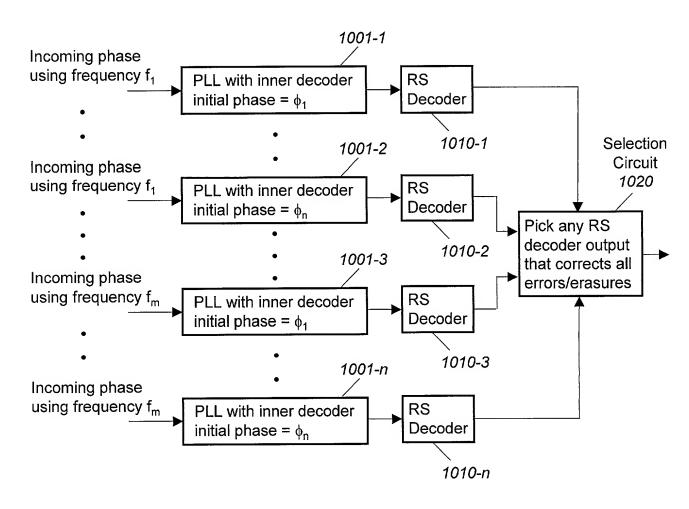


FIG. 12